

NYPOL S3 HL NTLA010 NB304 MSP

Product Description

Lubricated, Bio-based Polyamide 5.6

General Considerations

Resin	· >PA<
Additive	· Lubricated
Processing	· Injection Molding
Color	· Natural

Physical	Value	Unit	Method
Density / Specific Gravity	1,14	g/cm ³	ASTM D 792
Mold Shrinkage	1,15 to 1,17	%	ASTM D 955

Mechanical	Value	Unit	Method
Yield Stress	70	MPa	ISO 527-1-2
Yield Strain	5,0	%	ISO 527-1-2
Flexural Strength	110	MPa	ISO 178
Flexural Modulus	2500	MPa	ISO 178
Izod Notched Impact Strength 23°C	4,0	kJ/m ²	ISO 180/1A

Flammability	Value	Unit	Method
Glow Wire @ 2,0 mm	960	°C	IEC 60695-2-1

Process	Value	Unit	Method
Molding Process Temperature	240 to 250	°C	--
Mold Temperature	40 to 90	°C	--
Drying	80/4	°C/Hours	--

Data contained in this Data Sheet have been obtained in laboratory and reflect the average number of batches produced. This information is current as of the date on which it was authorized to print this. The Petropol reserves the right to alter designs, specifications and information on its products at any time or discontinue them, regardless of any notice or statement without incurring liability of any kind.

